

lens barrel of the zoom lens device 13. The cartridge chamber 23 and the film winding chamber 50 are disposed so as to sandwich the fixed barrel 51. Behind the fixed barrel 51 is positioned an aperture that prescribes the range of exposure to the
5 photographic film.

A drive axis for rotating a spool of the film cartridge and a mechanism for opening and closing the cartridge shutter and so forth are attached to the upper part of the cartridge chamber 23. A main flexible board 52 on which a CPU (not shown) for
10 controlling each part of the camera body 11 and so forth are mounted on the cartridge chamber.

A flash circuit board 53 is attached to the front of the film winding chamber 50. And the flash projector 15 and the battery chamber 25 are attached to the upper part of the film
15 winding chamber 50. Several kinds of electric elements such as transformer coil are attached to the flash circuit board 53 having a circuit pattern. The flash circuit board 53 is connected to the flash projector 15, the main flexible board 52, and battery contact members 57 and 58 through the flexible
20 circuit board 55. The flash circuit formed on the flash circuit board 53 is controlled by the CPU on the main flexible board 52, to flash the flash projector 15.

The flash projector 15 has a flash discharge tube and a reflector inside of the diffusion plate 15a combining a
25 protector. The flash projector 15 is attached to a bracket 59 through an axle 15b and rotates between an exposed position for exposing the diffusion plate 15a outside and a storing position for storing the diffusion plate 15a into the camera body 11.

The battery chamber 25 is mounted at the rear of the flash projector 15.

As shown in Fig.3 in detail, the battery chamber 25 consists of a storage portion 61 for storing the battery 21, mounting parts 62 and 63, and a plate portion 64 to cover the top of the film winding chamber 50 light-tightly. The storage portion 61 is roughly in the form of a cylinder with backward open. The battery 21 is loaded from a loading opening 61a. And the front side of the storage portion 61 has the brackets 59 for attaching the flash projector 15.

Both sides of the storage portion 61 have the mounting parts 62 and 63 to which the negative contact member 57 and the positive contact member 58 are attached, which are respectively connected with the negative pole 21a and the positive pole 21b of the battery 21.

As shown in Fig.4, the plate portion 64 is a roughly rectangular-shape that matches with the top of the film winding chamber 50. A column-shaped concave portion 64a fits the outside of the cylinder-shaped convex portion 50a formed on the film winding chamber 50, to cover the film winding chamber 50 light-tightly. There forms an engaging portion 64b that supports a motor 67 for a film winding at the center of the concave portion 64a. The front of the plate portion 64 includes an arresting hole 64c, which is locked by a hook 50b of the film winding chamber 50.

By stamping out and bending a metal sheet, the negative contact member 57 and the positive contact member 58 are formed shown by Figs. 3 or 5. Each contact member 57 and 58 has clamp

portions 68 and 69, which are bent so as to clamp the mounting parts 62 and 63. Of one end of the clamp portions 68 and 69, the part that is bent into the inner wall side of the battery chamber 25 becomes a negative contact 70 and a positive contact 5 71, which respectively come in contact with the negative pole 21a and the positive pole 21b of the battery 21 loaded into the storage portion 61.

The mounting part 62 has a slit 62a that is made in accordance with a thickness of the negative contact member 57. Fitting 10 quadrilateral inserting portions 72 at an upper and a lower of the negative contact member 57 to the slit 62a positions the negative contact member 57 and strengthens a connection between the mounting part 62 and the negative contact member 57. The mounting part 62 has a cutout 62b into which a connection screw 15 73 is inserted. The battery chamber 25 is connected to the main body 17 by locking the hook 50b into the arresting hole 64c and screwing down with the connection screw 73.

The upper end of the negative contact member 57 has a ground arm portion 74 for connecting the negative pole 21a of the 20 battery 21 with the front cover electrically. The ground arm portion 74 is positioned outside of the battery chamber 25, protruding towards the inner wall of the front cover 18 situated in the upper part of the battery chamber 25.

The ground arm portion 74 is bent obliquely at a first bending 25 part 74a and further bent at a second bending part 74b. The first bending part 74a is for touching the ground arm portion 74 in oblique state with the inner wall of the front cover 18. The tip of the ground arm portion 74 is lowered down unless the second